First and Final bill

Job code No: 003-20-000065

NO: EE [Project] YNK zone/WO/058/2022-23.

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

Name of work ...Construction of watch tower in NES circle ~~637934~~

Name of Contractor of nature of Agency... Sri G. S. Vinod [M.s. Inner Space], Bangalore

Date of commencement of work... 05-12-2022.

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
①	Dismantling of existing structure like culverts bridges retaining walls and other structure comprising of masonry cement concrete, wood work, steel work --- Complete. Quantity as per emb page No.				Qty	24.48 cum	
					at the rate of Rs 309.80/cum	Rs 7582.32	
	Above 125% Quantity vide recorded in emb page No.				Quantity	3.61 cum	
					at the rate of Rs 315.24/cum	Rs 1136.44	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2.	Dismantling the tile work in floor and roof laid in cement or Surki mortar -- complete. Quantity vide recorded in emb page No.					Quantity 80.50 Sqm	
						at the rate of Rs 52.69/sq	Rs 4241.79
3.	Easing of shutters of door, including cost of materials, labour HOM Complete Qutity vide recorded in emb page No.					Quantity 6.00	No.
						at the rate of Rs 93.58/No	Rs 561.45

M. A. R. 57 (Rule 116) No. E

Measurement Book

637935

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4.	Scraping plaster in time or cement mortar from brick/stone masonry.						
		Quantity vide recorded in emb.					
					Quantity	118.43	Sqm
		at the rate of Rs 22.71/No.					Rs. 2689.84
5.	Dismantling of existing structure like culverts, bridges, retaining walls and other structures - - - Complete						
		Quantity vide recorded in emb					
					Quantity	31.19	Cum
		at the rate of Rs 369.76/Cm					Rs 11532.06

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6.	Dismantling CI or AC rain water pipes with fittings and clamps -- complete						
		Quantity vide recorded in emb					
						Quantity 50.00 m	
		at the rate of Rs 27.26/m					Rs 1362.75
7.	Dismantling weather proof course and removing and conveying the debris to a distance -- complete						
		Quantity vide recorded in emb					
						Quantity 8.05 Cum	
		at the rate of Rs 792.21/Cum					Rs 6377.31

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

637936

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8.	Loading and unloading of Stone Boulder / Stone aggregate -- Complete						
	Quantity vide recorded in emb						
					Quantity	75.46 Cum	
					at the rate of Rs 103.57/m	Rs 7815.58	
	Qty above 125%						
					Quantity	220.95 Cum	
					at the rate of Rs	104.72/m Rs 23136.71	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
9.	Earthwork in surface excavation in ordinary soil for level and lowering the ground manually and removing the excess stuff --- Complete.						
	— not operated —						
10.	Earthwork excavation by manual means for foundation of building, water supply --- Complete.						
	Quantity vide recorded in emb						
	Quantity					157.86	Cum
	at the rate of Rs					319.79	/cum
						Rs 50482.5	

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

637937

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11.	Providing and filling in foundation with granite/trap broken metal 100mm and down size with approved sand -- Complete						
	Quantity vide recorded in cmb						
					Quantity	4.49	cum
					at the rate of	2598.31	Rs 11666.41
12	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs with 40 mm and down -- Complete						
	Quantity vide recorded in cmb					24.66	cum

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		at the rate of Rs 5555.48					Rs. 137011.96
	Quantity above 125%.						
				Quantity		18.28 Cum	
		at the rate of Rs 6274.28/cu					Rs 114679.75
13.	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs with 20mm and down size -- @ 0.878 cum & fine @ 0.459 cum -- Complete.						
				Quantity		10.89 Cum	
		at the rate of Rs				5798.96 Cum	Rs 63150.6

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

637938

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14.	Providing and Constructing granite/trap/basalt Size stone masonry in basement with mortar 1:6 -- complete						
					Quantity	18.13	Cum
					at the rate of Rs	6813.75/Cum	123559.69
15.	Filling available excavated earth inside of foundation -- 20cms in depth Compacting each deposited layer -- lead upto 50m -- complete.						
					Quantity	173.81	Cum
					at the rate of Rs	215.31/Cum	Rs 37423.60

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16.	Conveying the excavated debris - -- Complete — not Operated —						
17	Providing and laying in position reinforced cement Concrete of design mix M25 with OPC @ 340 kgs with 20 mm -- complete.						
					Quantity	14.68	Cum
					at the rate of Rs 6465.79/cm		Rs 94885.53
	Above 125 %.						
					Quantity	28.15	Cum
					at the rate of Rs 7081.47/cm		Rs 199316.18
18	Providing and laying reinforced cement M25 - - — not operated —						Complete

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Measurement Book

637939

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
19.	Providing and laying flooring using polished gang saw - Complete — not operated —					
20.	Providing and Removing centering shuttering strutting, propping etc and removal of form work for foundation --- Complete.					
	Quantity				12.78	Sqm
	at the rate of Rs 276.18/sqm					Rs 3529.63
21.	Providing and removing centering, shuttering, strutting — complete					
	Quantity				51.00	Sqm

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			at the rate of Rs			383.39/Sqm	Rs 19552.74
	Quantity above 125%.			Quantity		175.62 Sqm	165.98 6848.00
			at the rate of Rs			390.51/Sqm	Rs 68579.68
22	Providing TMT steel reinforcement for RCC work including straightening Cutting, bending -- etc.						
				Quantity		3.21 MT	
			at the rate of Rs			69475.72/MT	Rs 223190.75
	Above 125%.			Quantity		2.48 Mt	
			at the rate of Rs			91387.22/Mt	Rs 226640.34

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

637940

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
23	Not Operated. —						
24	Providing 20 mm thick cement plaster in single coat with cement mortar and to stone masonry & Concrete Surfaces - complete. Quantity 28.92 Sqm at the rate of Rs 309.80/sqm					Rs 8959.37.	
25	not operated —						
26	not Operated -						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
27	not Operated						
28	not Operated						
29	not Operated						
30	not Operated.						
31	Providing and fixing Pre cast solid Concrete Kerb stones made out of CC 1:2:4 -- complete.						
					Quantity	220.00	No.
					at the rate of	Rs 472.42/No	Rs 103932.40
32	not Operated						
33	not Operated						
34	not Operated.						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

637941

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
35	not Operated						
36	not Operated						
37	not Operated						
38	not Operated						
39	not Operated						
40	not Operated						
41	not Operated						
42	not Operated						
43	not Operated						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
44 to 77	Item from ~~44~~ Sl No 44 to Sl No 77 are not operated						
E1	Demolishing brick work manually by mechanicall means including Stacking of serviceable material - - - complete						
						Quantity 30.16	cum
						at the rate of Rs 876.58 /cum	Rs 26437.62
E2	Providing Size stone masonry with hard stone in foundation & plint with cement mortar 1:6 - - Complete.						
						Quantity 43.09	cum
						at the rate of Rs 5946.07 /cum	Rs 256201.38

M. A. R. 57 (Rule 116)
Measurement Book

No. E

637942

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E-3	Providing and laying flooring and steps fine dressed granite stone slabs 40 mm thick on cement mortar bed 1:6, 25 mm thick -- complete.						
					Quantity	49.25	Sqm
					at the rate of Rs	2647.51/Sqm	Rs 130396.63
E-4	Construction of Embankment by excavating the available approved Gravel / Murrum deposited -- complete.						
					Quantity	61.15	Cum
					at the rate of Rs	446.62/cu	Rs 27311.16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E-5	Providing and constructing bad bearing wall with solid Concrete blocks of size 400 x 200 x 200mm -- Complete						
						Quantity 59.22	sqm
						at the rate of Ns 1178.77/sqm	Ns 69806.82
E6.	Providing and laying flooring and steps machine polished granite Stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm -- Complete						
						Quantity 108.90	sqm
						at the rate of Ns 2667.51/sqm	Ns 290491.95
E-7	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3mm M.S gusset plates Complete						

M. A. R. 57 (Rule 116)
Measurement Book

No. E

637943

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
					Quantity	1.62 Sqm	
					at the rate of Rs 4066.26/Sqm	Rs 6587.34.	
E-8	Providing and fixing M.S angle 50×50×6 mm to act as nosing with lugs of M.S. flat 10×5 mm 10 cm long - Complete.						
					Quantity	3611.89 kg	
					at the rate of Rs 124.43/kg	Rs 449434.45	
E9	Crawler mounted crane 35t capacity				Qty	150.00 Hr	
					@ Rs 4559.24/Hr	Rs 683886.15	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
E-10.	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc -- Complete						
						Quantity 633.79	kg
						at the rate of Rs 555.50/kg	Rs 352071.79
E-11	Providing and fixing of Ornamental Granite pillar of overall height of 1250mm 200x200 sqmm, Octagonal to a height of 820mm -- Complete						
						Quantity 21.00	No.
						at the rate of Rs 12500.00/No	Rs 262500.00.
E-12	Providing and fixing Glass fiber Reinforcement made up of Alkali Resistant Glass-fiber -- Complete						

M. A. R. 57 (Rule 116) **No. E** 637944

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Quantity		92.80	Sqm
				at the rate of Rs 24000.00/Sqm			Rs 2227200.00
E-13.	Bell for Clock tower broonze Sculpture with follow specification						
	a) Making of clay modelling - -- Complete						
				Quantity		1.00	No.
				at the rate of Rs 350000.00/No			Rs 350000.00/-
E-14	4' 6" Clock with back light, Roman digits -- Complete						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Quantity		4.00	Nos.
				At the rate of Rs 435000.00 /No			Rs 1740000.00
	NOTE All the quantities are detailed recorded in e-measurement book.						
					Sub total		8425322.70
					GST	18.1.	692212.09
					Grand Total		9117534.78
	Certificate 1. Certified that the work done is satisfactorily 2. There is no departmental issues by BBMP.						29/09/23.

ISEC Thay

M. A. R. 57 (Rule 116)
Measurement Book

No. E 637945

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

From ..... To .....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Head of Account 2018						
	Audited & admitted for Rs. 911377-00						
	.....						
	872397=00						
	.....						
	.....by Cheque						
	and Rs. 38980-00 by Adjustment						